

PROJECT DESCRIPTION

I. GENERAL

This portion of the project involves the permanent modification to the existing traffic control signal at the intersection of MD 214 (Central Ave.) and MD 253 (Mayo Rd.) in Anne Arundel County, Maryland. MD 214 is considered to run in an east/west direction.

II. INTERSECTION OPERATION

The intersection currently operates in NEMA six (6) phase, full-traffic-actuated mode. There is an exclusive/permissive left turn phase for the westbound movement of MD 214. The MD 214 through movements operate concurrently. There is an exclusive/permissive left turn phase for the northbound movement of MD 253. The MD 253 through movements operate concurrently with an actuated pedestrian phase across the west leg of the intersection.

Existing cabinet/controller, and phasing will be utilized.

EQUIPMENT LIST

B. Equipment to be furnished and/or installed by the Contractor.

All equipment in this list shall have catalog cuts submitted for approval prior to installation.

Quantity	Units	Specification Section	Description
Lump Sum	LS	108	Mobilization.
Lump Sum	LS	104	Maintenance of traffic.
315	LF	815	Sawcut for signal loop detector.
1075	LF	810	Loop detector wire (No. 14 A.W.G.) encased in flexible tubing.
650	LF	810	2-conductor (aluminum shielded) electrical cable (No. 14 A.W.G.).
25	LF	819	1 in. liquid tight flexible non-metallic conduit for loop detector sleeve.
55	LF	556	24 in. wide HAPPTPM - white for stop line.
Lump Sum	LS	---	Relocate existing traffic signal equipment.
Lump Sum	LS	---	As-built for S.H.A. (on CADD).

CONTACT LIST

The contact persons for District #5 are as follows:

Mr. Paul Armstrong
District Engineer
410-841-1007

Mr. Larry Elliott
Assistant District Engineer - Traffic
410-841-1003

Mr. John Mays
Assistant District Engineer - Utility
410-841-1005

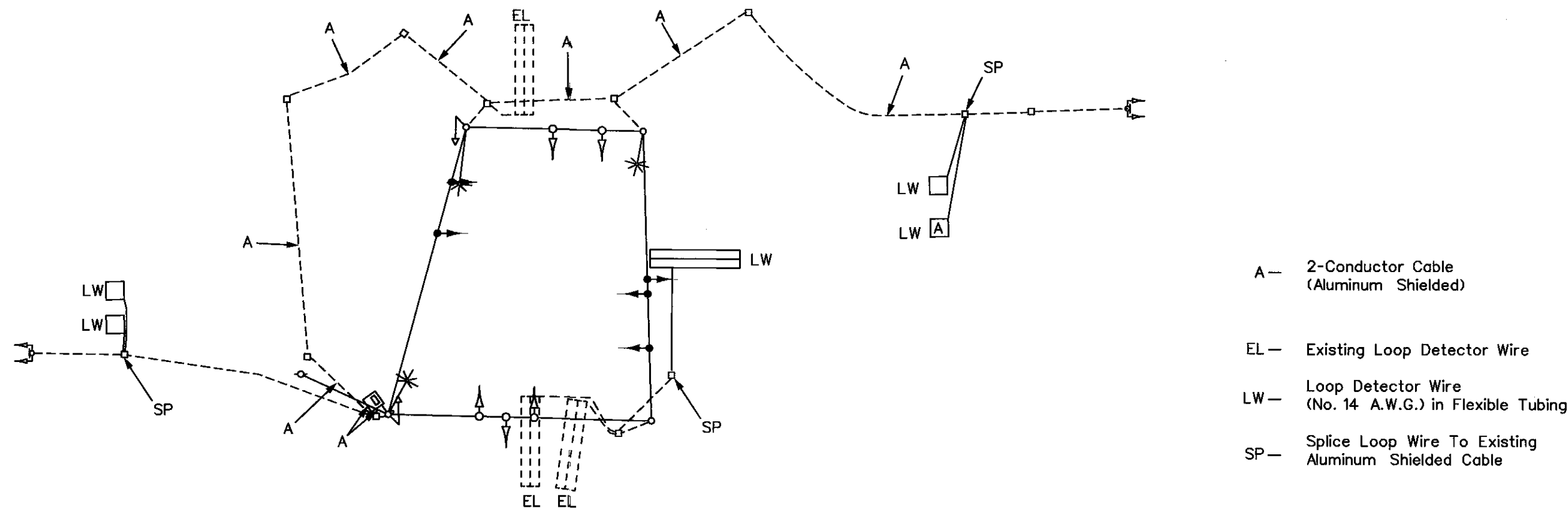
Mr. Charles George
Assistant District Engineer - Maintenance
410-841-1002

Mr. Richard L. Daff
Chief, Traffic Operations Division
410-787-7630

Phase Chart

	1	2	3	4	5	6	7	8	9	10	15,16
Phase 2 & 5	R	R	G	G	G	R	R	R	R	R	DW
2 & 5 Change	R	R	G	G	G	R	R	R	R	R	DW
Phase 2 & 6	G	G	G	G	G	R	R	R	R	R	DW
2 & 6 Change	Y	Y	Y	Y	Y	R	R	R	R	R	DW
Phase 3 & 8	R	R	R	R	R	G	G	G	R	R	DW
3 Change	R	R	R	R	R	G	G	G	R	R	DW
Phase 4 & 8	R	R	R	R	R	G	G	G	G	G	DW
4 & 8 Change	R	R	R	R	R	Y	Y	Y	Y	Y	DW
Phase Alt 4 & 8	R	R	R	R	R	G	G	G	G	G	WK
Ped Clearance	R	R	R	R	R	G	G	G	G	G	FL/DW
Alt 4 & 8 Change	R	R	R	R	R	Y	Y	Y	Y	Y	DW
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	DARK

Wiring Diagram



Ultimate Traffic Control Signal



The Traffic Group, Inc.
410-931-6600
Fax 410-931-6601



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

(General Information Sheet)

MD 214 (Central Ave.) at MD 253 (Mayo Rd.)

DRAWN BY: J. Dirndorfer	F.A.P. NO. N/A	TS NO. 1522E	SHEET NO. 6 OF 6
CHECKED BY: J. Dirndorfer	S.H.A. NO. N/A	T.I.M.S. NO. D-212	
SCALE: N/A	COUNTY: Anne Arundel		
DATE: February 7, 2000	LOG MILE: 02021406.68		